

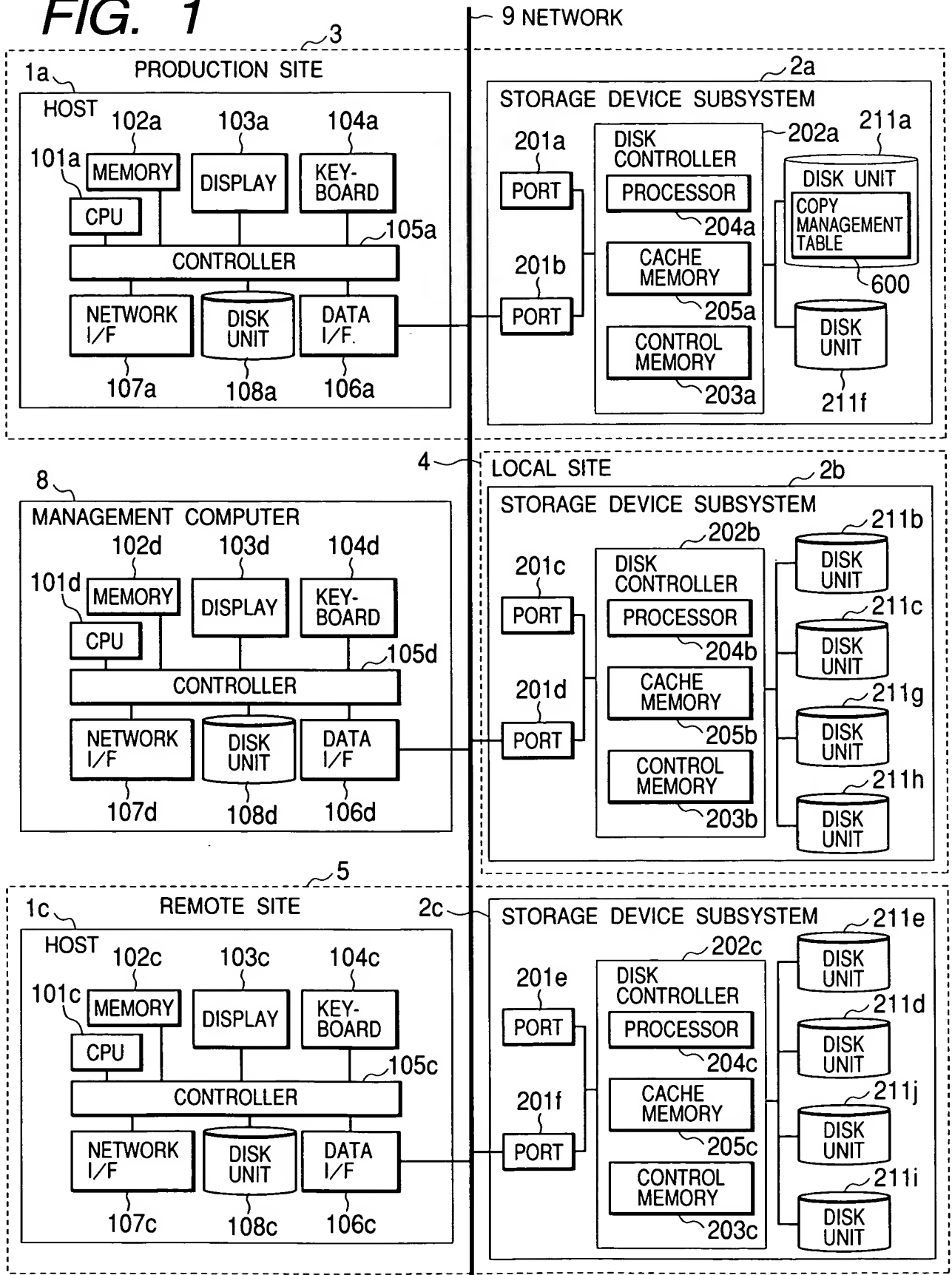
FIG. 1

FIG. 2

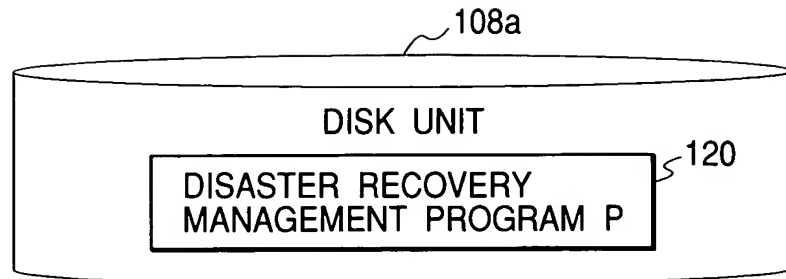


FIG. 3

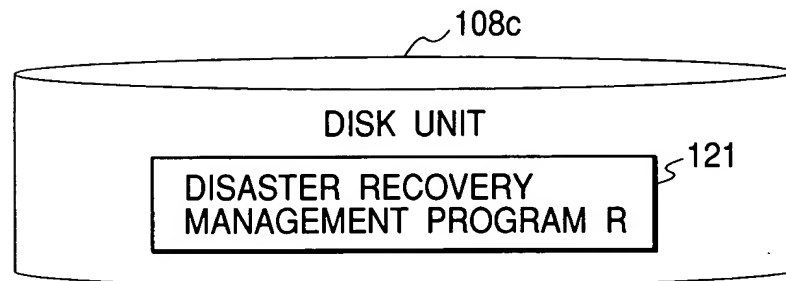


FIG. 4

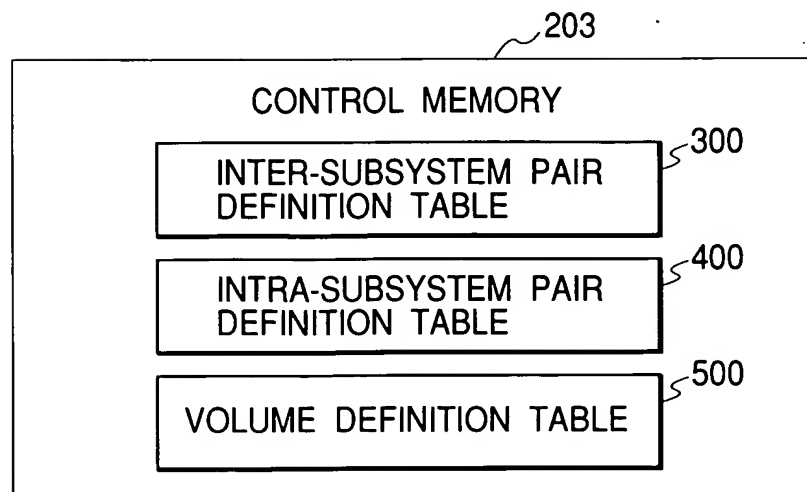
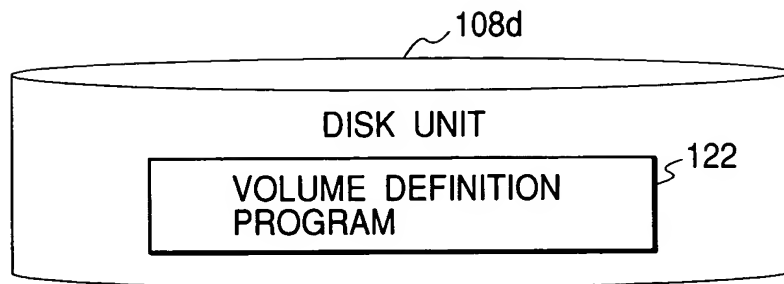


FIG. 5**FIG. 6**

INTER-SUBSYSTEM PAIR DEFINITION TABLE

| | | | | | | | |
|------|---------------|--------------|--------------|------------|-------------|-----------|--------|
| 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 |
| | GROUP NAME | PAIR NAME | MAIN PORT | MAIN LU | SUB PORT | SUB LU | STATE |
| 310a | G1 | P1 | PORT 201b | LU0 | PORT 201d | LU0 | ACTIVE |
| 310b | G1 | P2 | PORT 201d | LU1 | PORT 201f | LU1 | ACTIVE |
| | G1 | P3 | PORT 201b | LU1 | PORT 201d | LU2 | ACTIVE |
| | G1 | P4 | PORT 201d | LU3 | PORT 201f | LU3 | ACTIVE |

FIG. 7

| | | | | | |
|---------------------------------------|------------|-----------|---------|--------|--------|
| INTRA-SUBSYSTEM PAIR DEFINITION TABLE | | | | | |
| 400b | 401 | 402 | 403 | 404 | 405 |
| | GROUP NAME | PAIR NAME | MAIN LU | SUB LU | STATE |
| | 410a | G11 | P10 | LU0 | LU1 |
| 410b | G11 | P11 | LU2 | LU3 | ACTIVE |

| | | | | | |
|---------------------------------------|------------|-----------|---------|--------|--------|
| INTRA-SUBSYSTEM PAIR DEFINITION TABLE | | | | | |
| 400c | 401 | 402 | 403 | 404 | 405 |
| | GROUP NAME | PAIR NAME | MAIN LU | SUB LU | STATE |
| | 410c | G12 | P12 | LU0 | LU1 |
| 410d | G12 | P13 | LU2 | LU3 | ACTIVE |

FIG. 8

VOLUME DEFINITION TABLE

| | 501 | 502 | 503 | 504 | 505 |
|------|-----------|-----|-----------|-------|------------------------------------|
| 500a | PORT | LU | DRIVE | SIZE | IS MANAGEMENT INFORMATION STORED ? |
| 510a | PORT 201b | LU0 | DISK 211a | 10 GB | |
| 510b | PORT 201b | LU1 | DISK 211f | 10 GB | YES |

VOLUME DEFINITION TABLE

| | 501 | 502 | 503 | 504 | 505 |
|------|-----------|-----|-----------|-------|------------------------------------|
| 500b | PORT | LU | DRIVE | SIZE | IS MANAGEMENT INFORMATION STORED ? |
| 510c | PORT 201d | LU0 | DISK 211b | 10 GB | |
| 510d | PORT 201d | LU1 | DISK 211c | 10 GB | |
| 510e | PORT 201d | LU2 | DISK 211g | 10 GB | YES |
| 510f | PORT 201d | LU3 | DISK 211h | 10 GB | YES |

VOLUME DEFINITION TABLE

| | 501 | 502 | 503 | 504 | 505 |
|------|-----------|-----|-----------|-------|------------------------------------|
| 500c | PORT | LU | DRIVE | SIZE | IS MANAGEMENT INFORMATION STORED ? |
| 510g | PORT 201f | LU0 | DISK 211e | 10 GB | |
| 510h | PORT 201f | LU1 | DISK 211d | 10 GB | |
| 510i | PORT 201f | LU2 | DISK 211j | 10 GB | YES |
| 510j | PORT 201f | LU3 | DISK 211i | 10 GB | YES |

FIG. 9

COPY MANAGEMENT TABLE

| | | | | | |
|------|--|---|--|---|------------|
| 610 | 601 | 602 | 603 | 604 | 605 |
| | A STATE OF AN INTER-SUBSYSTEM COPY FROM A STORAGE DEVICE SUBSYSTEM 2a TO A STORAGE DEVICE SUBSYSTEM 2b | A STATE OF AN INTRA-SUBSYSTEM COPY OF THE STORAGE DEVICE SUBSYSTEM 2b | A STATE OF AN INTER-SUBSYSTEM COPY FROM A STORAGE DEVICE SUBSYSTEM 2b TO A STORAGE DEVICE SUBSYSTEM 2c | A STATE OF AN INTRA-SUBSYSTEM COPY OF THE STORAGE DEVICE SUBSYSTEM 2c | TIME STAMP |
| 610a | EXECUTING STATE | DISCONNECTED STATE | INTERRUPTED STATE | DISCONNECTED STATE | 1526874526 |

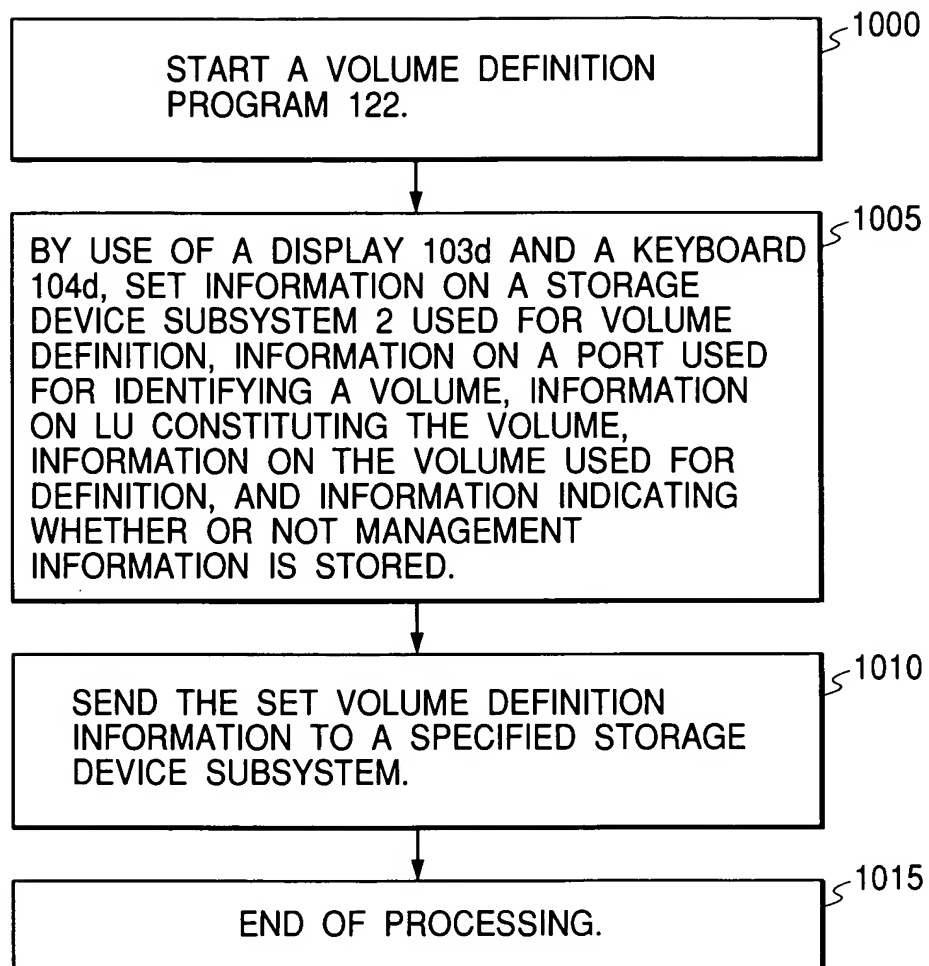
FIG. 10

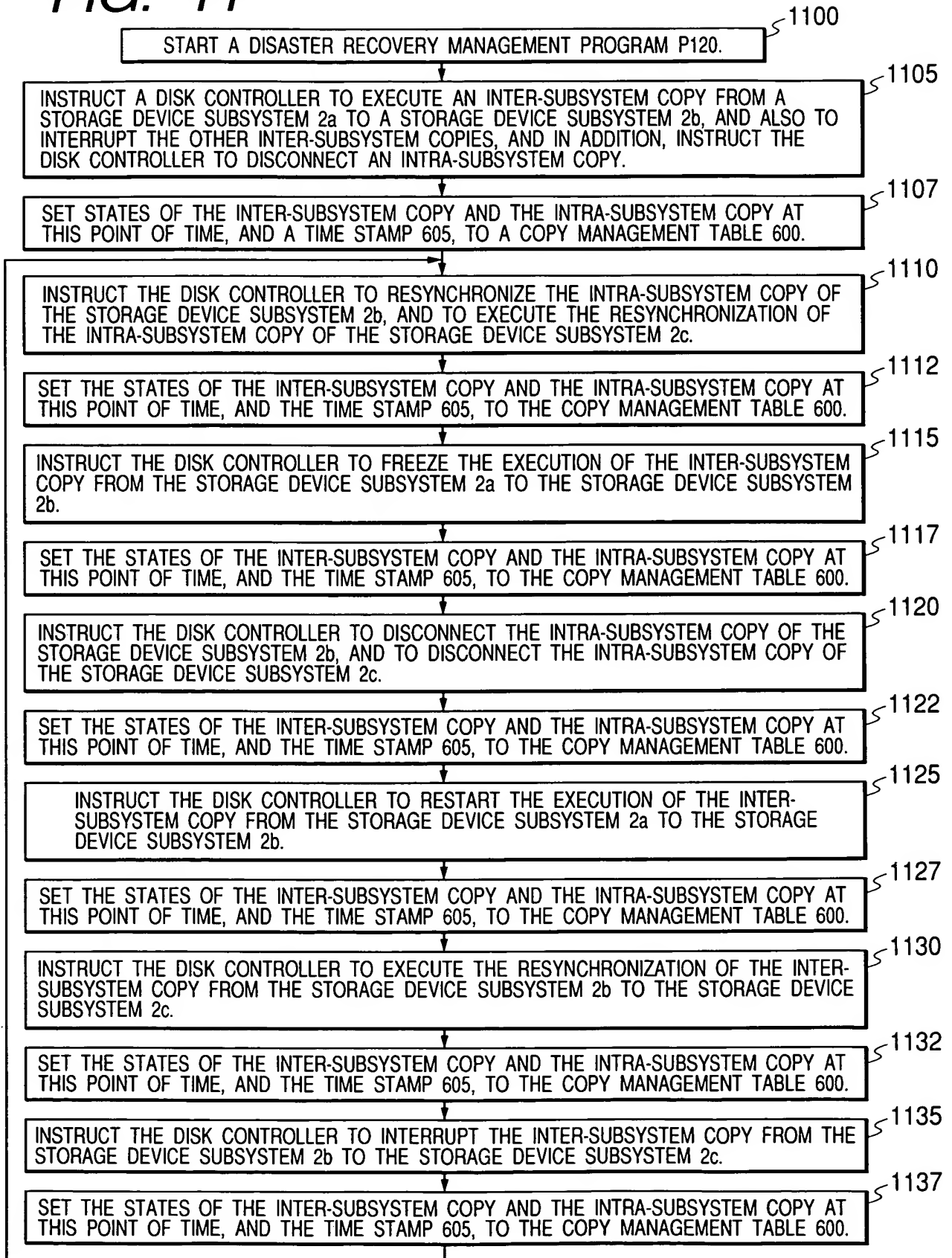
FIG. 11

FIG. 12